

Climate Action & Mitigation

Environment Climate Action Team

Frank Burke - Climate Action
Coordinator

Clare Kelly – Climate Action Officer

Clinton Donovan – Community
Climate Action Officer



Climate Action Plan (CAP) – Statutory Requirement

The Climate Action and Low Carbon Development Amendment Act 2021 prescribes that:

14B (1) Each local authority shall prepare and make a plan relating to a period of five years (... referred to as a ‘local authority climate action plan’) which shall specify the mitigation and the adaptation measures to be adopted by the local authority’

Mitigation

Actions that reduce the emissions that contribute to climate change



Climate 'proofing'

Education/Awareness
Behavioural Change

Water Conservation

Locally Sourced Food

Blue/Green Infrastructure

Adaptation

Actions that manage and reduce the negative impacts of climate change

Compact & Sustainable Settlement Patterns

Flood Alleviation

Disaster Management & Risk Reduction

Emergency Response

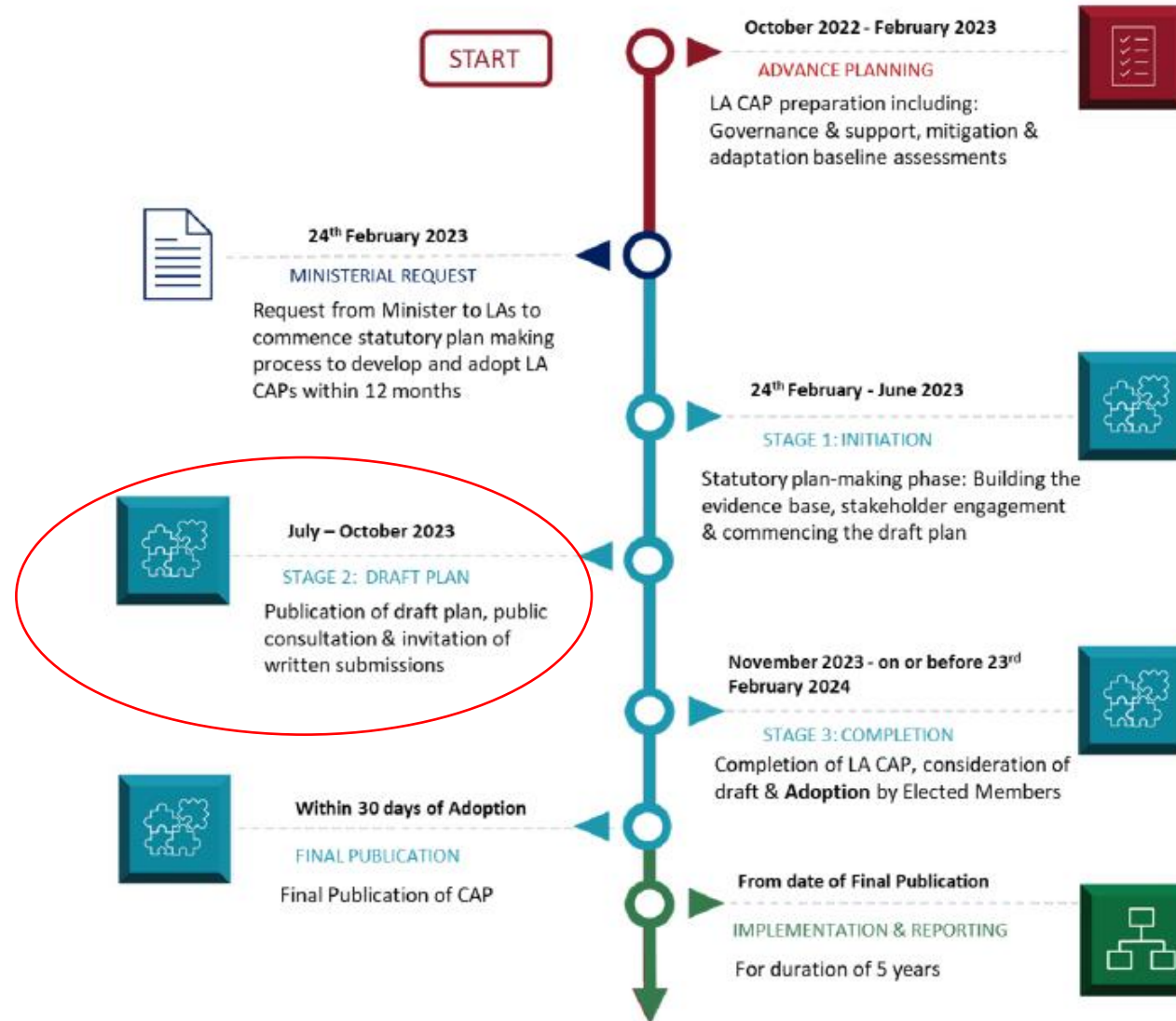
CAP – what will it achieve?

The CAP will outline the pathway for Wexford County Council to :

- reduce our Greenhouse Gas Emissions (GHG) by the required **51% by 2030** (compared to GHG emission levels from 2018 – baseline)
- set us on a path to reach net-zero emissions by no later than 2050

The CAP plan will drive the adaptation and mitigation measures required at local level

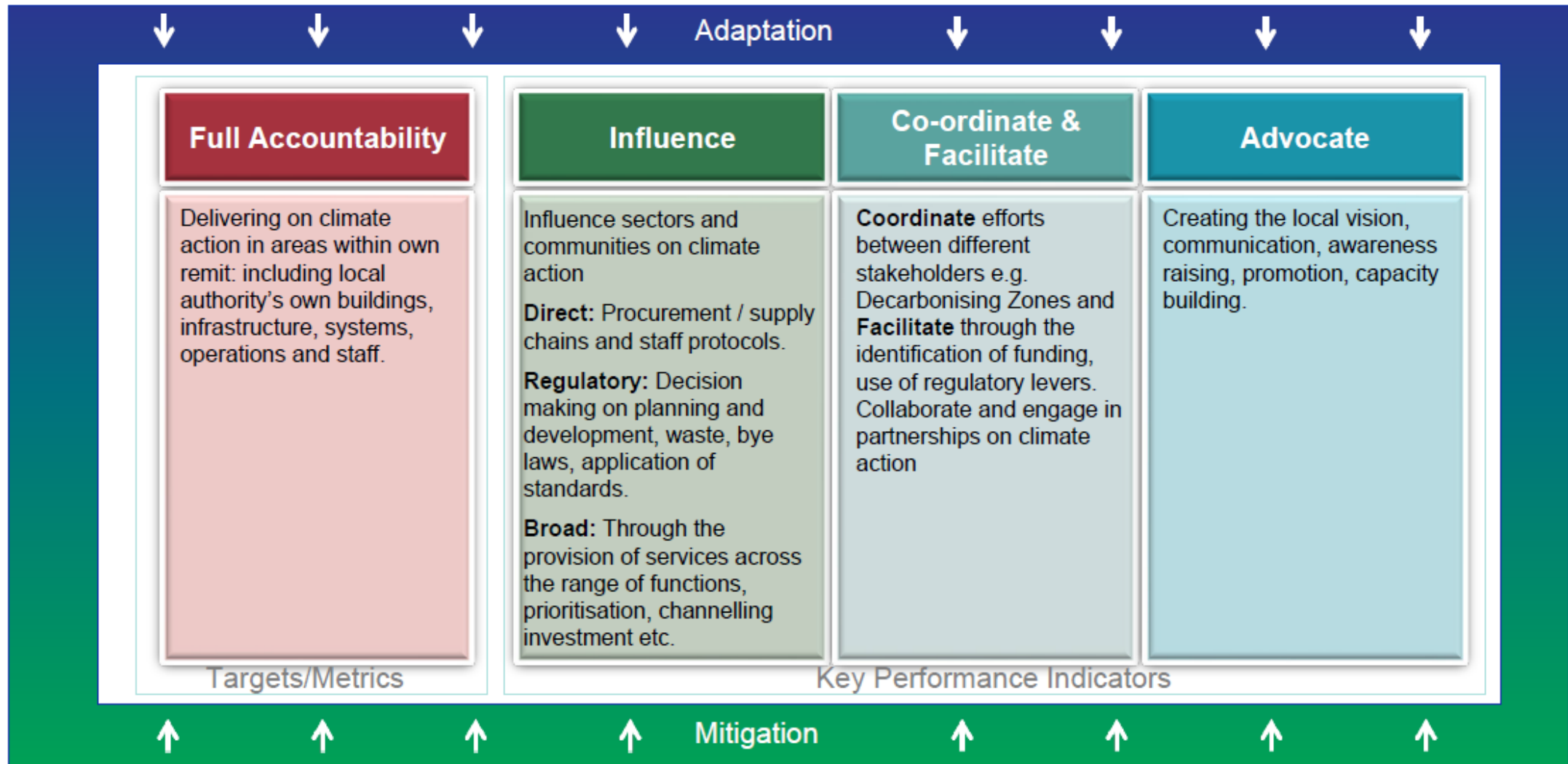
Development timeline



• Remaining Deadlines

- September 1st – Submit actions to Fehily Timoney for SEA/AA report
- September 14th - Friday - Cllr deadline for submitting any actions or amendments
- Sept 14th – Thursday - SPC meeting
- October 9th – Present request for Draft LACAP to go for public consultation at Council Meeting
- October 10th – LACAP goes for Public Consultation (6 weeks and 1 day). LACAP Plan and LACAP Stakeholder Report and LACAP SEA/AA Report uploaded to Online Submission Portal
- November 21st – Closing date for submissions
- November 20th to December 18th - 4 weeks – Submission Collation
- December 19th to December 30th - Develop Report on Submissions
- January 2nd , 2024 - Report on Submissions Complete
- January 2nd , 2024- Circulated to elected Members - 6 weeks to review
- February 12th, 2024 - Adoption of Draft Climate Action Plan
- Feb 12th to March 11th, 2024 - Final Publication and Irish Translation

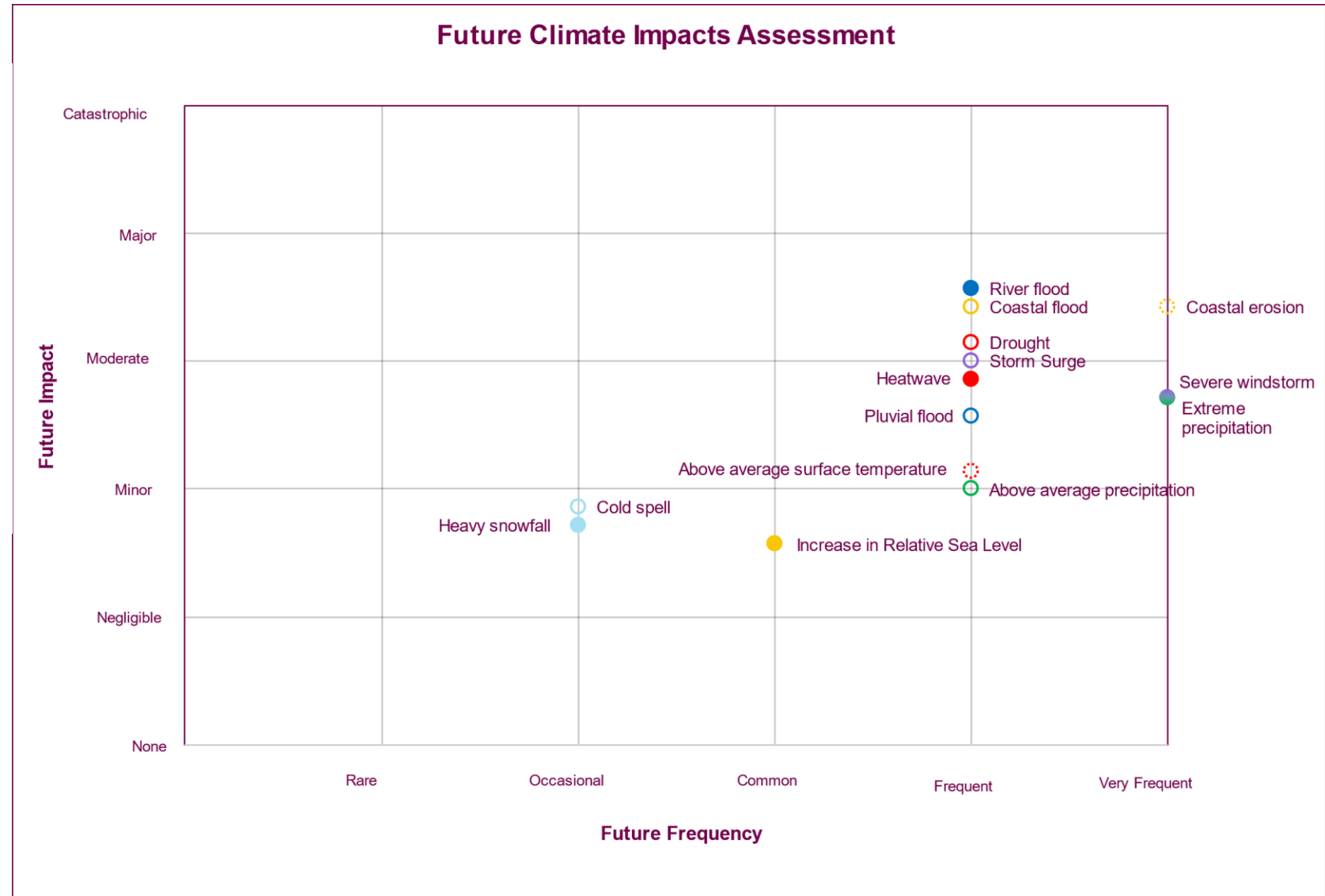
The Remit of the Local Authority



Weather Risks

Key Climate Hazards identified for County Wexford:

River Flooding
Coastal Flooding
Coastal Erosion



County Wexford GHG Emissions & Energy Consumption Per Sector 2018



Manufacturing
16.4% of Total Emissions
Total energy used 21.37 GWh
Total Emissions 403.18 ktCO₂eq



Wexford County Council
0.2% of Total Emissions
Total energy used 21.37 GWh
Total Emissions 6.05 ktCO₂eq



LULUCF
7.2% of Total Emissions
Total Emissions 403.18 ktCO₂eq



Residential
17.6% of Total Emissions
Total energy used 1,468.11 GWh
Total Emissions 433.88 ktCO₂eq



Waste
1.2% of Total Emissions
Total Emissions 28.86 ktCO₂eq

Industry
0.6% of Total Emissions
Total Emissions 14.55 ktCO₂eq



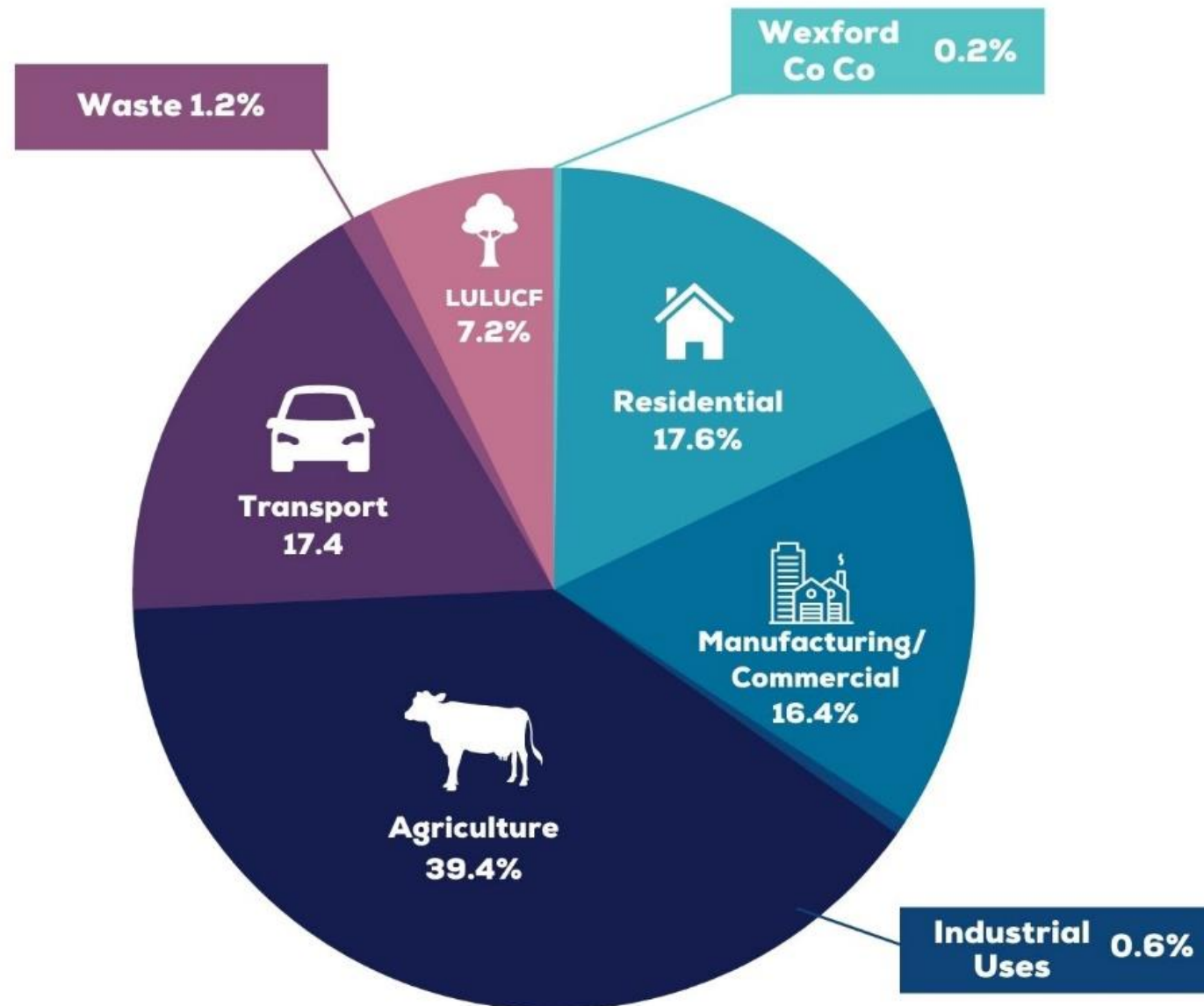
Transport
17.4% of Total Emissions
Total energy used 1,619.44 GWh
Total Emissions 428.25 ktCO₂eq

Agriculture
39.4% of Total Emissions
Total energy used 163.22 GWh
Total Emissions 968.15 ktCO₂eq

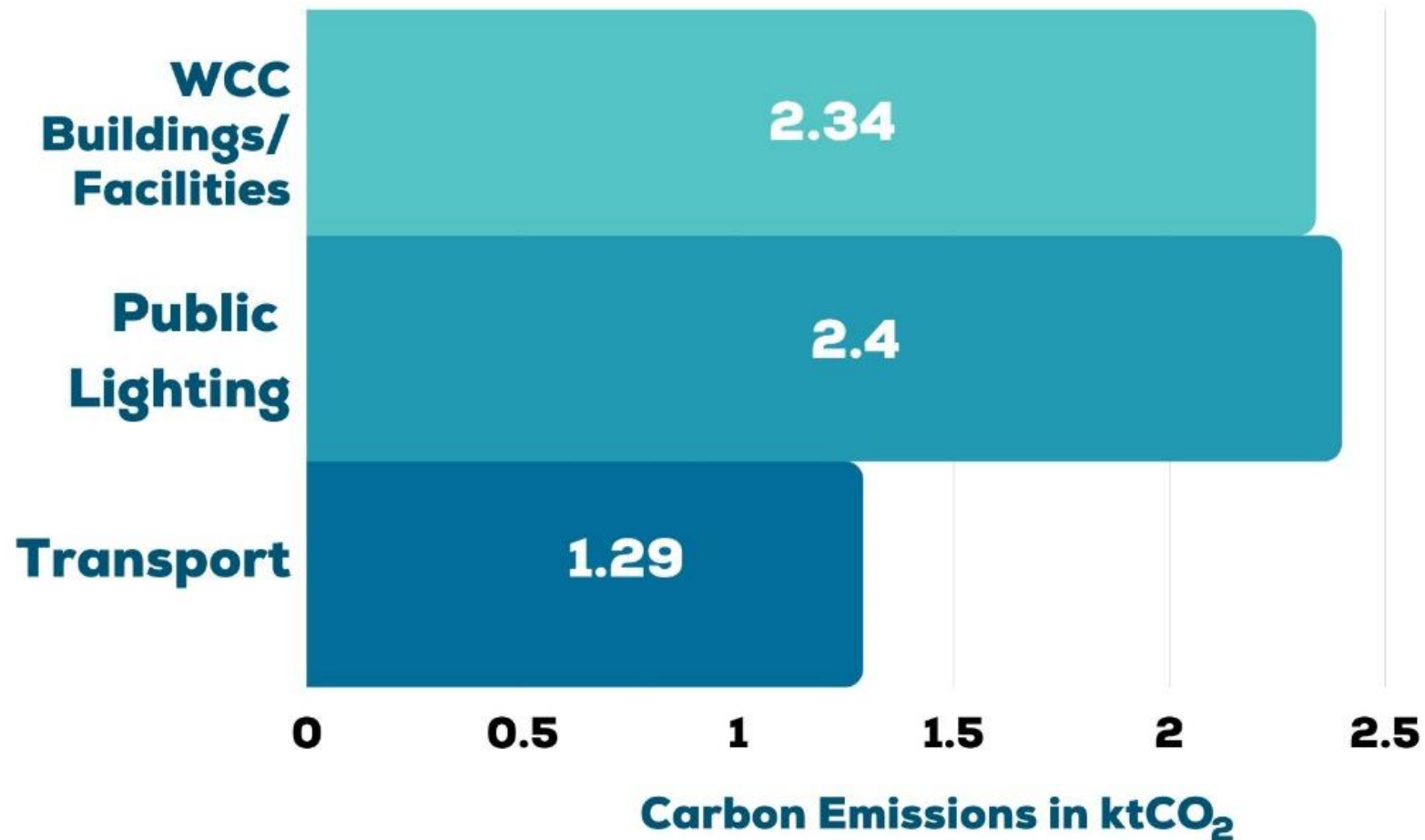


Wexford Co. Co. Share of Total Emissions in County Wexford = 0.3%

Total (2018) = 6.05 ktCO₂eq



Wexford County Council SEU's 2018 GHG emissions in ktCO₂eq

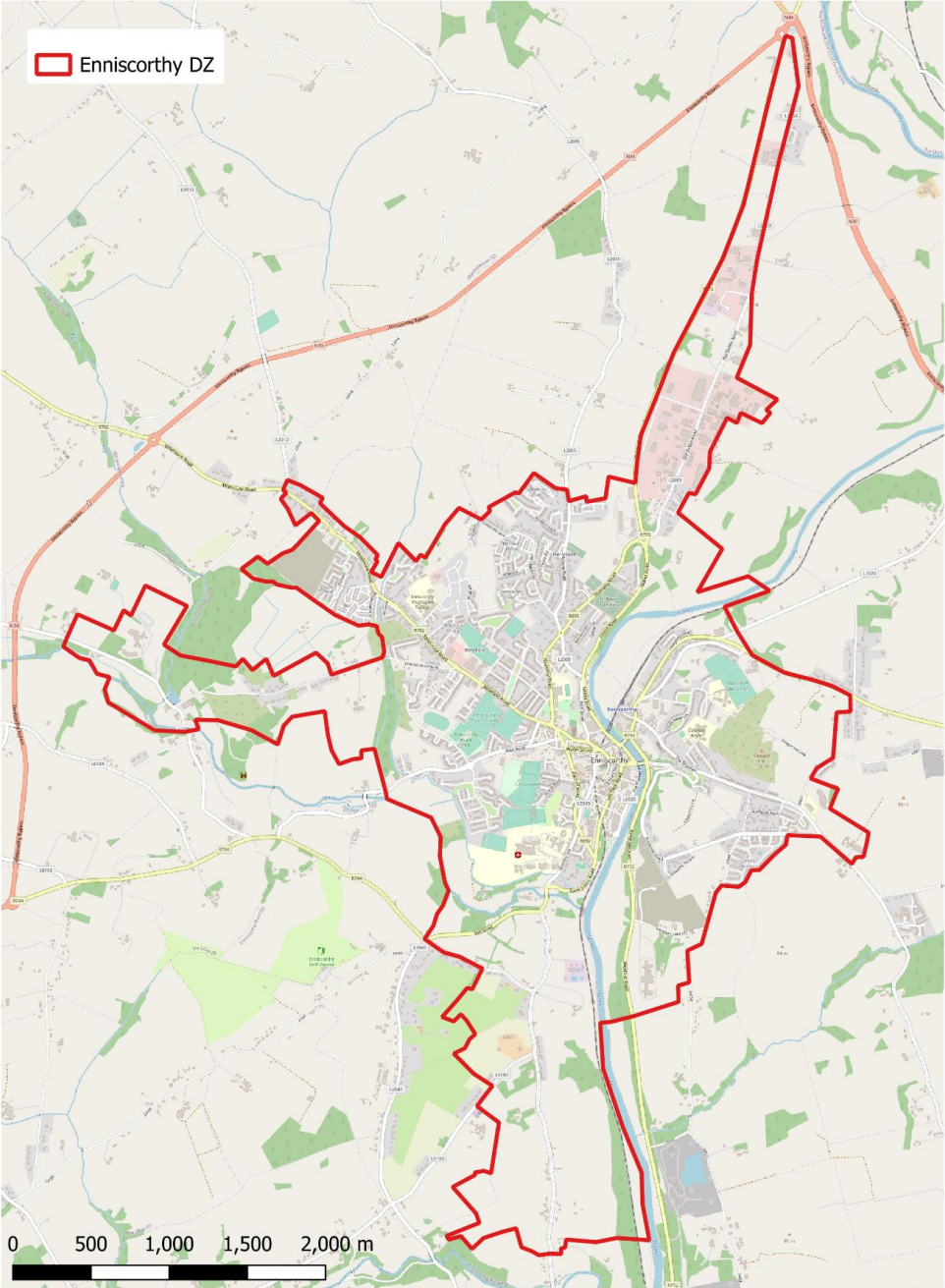


What is a Decarbonisation Zone?

Spatial area identified by the local authority, in which a range of climate mitigation, adaptation, biodiversity measures and action owners are identified to address local low carbon energy, greenhouse gas emissions and climate needs and contribute to national climate action targets.



ENNISCORTHY DECARBONISATION ZONE



Enniscorthy Decarbonisation Zone GHG Emissions & Energy Consumption Per Sector 2018

Total Emissions in Enniscorthy 2018 & 2030 Target



Commercial
34.9% of Total Emissions
Total energy used 116.6 GWh
Total Emissions 30.3 ktCO₂eq



Wexford
County Council

0.4% of Total Emissions
Total energy used 1.1 GWh
Total Emissions 0.4 ktCO₂eq

Social Housing
3.7% of Total Emissions
Total energy used 9.6 GWh
Total Emissions 3.3 ktCO₂eq



Residential
21.4% of Total Emissions
Total energy used 58.1 GWh
Total Emissions 18.6 ktCO₂eq



Waste
1.6% of Total Emissions
Total Emissions 1.4 ktCO₂eq



Transport
35.5% of Total Emissions
Total energy used 116.9 GWh
Total Emissions 30.8 ktCO₂eq



Agriculture
2.5% of Total Emissions
Total energy used 0.1 GWh
Total Emissions 2.2 ktCO₂eq



Climate Action Team Meetings

May – All Secondary Schools invited
Met and collated views of 8 schools

May to August 2023

31 - Internal/External stakeholder meetings

12 – Engagement meetings/events

11.5 Days of Training x 2 CAT staff members

- Thematic areas

A. Governance & Leadership

B. Built Environment & Transport

C. Natural Environment & Green Infrastructure

D. Communities, Resilience & Transition

E. Sustainability & Resource Management

• A - Governance & Leadership

County Action –

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
A10	Senior Management to identify funding for climate and energy projects that are chosen as part of Energy pathfinder projects, where match funding is provided by SEAI or other relevant organisations	Adaptation Mitigation	Identification of funding source	Climate Action Team Finance	Q1, 2024	Funding Availability	1.2

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
A16	Put a system in place to promote the collaboration of Wexford County Council with other agencies, on incidents received that are outside the remit of WCC, to meet Water Quality objectives – e.g., DAFM, NPWS etc.	Mitigation	System set up for reporting	Environment Section, Wexford County Council Lawpro Other Government Agencies	Q1 2025	Buy in from government departments	1.5

DZ Action-

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
DZ021	Work with Special Projects, the Active Travel Team and the people of Enniscorthy on the Enniscorthy Town Centre Regeneration Plan	Mitigation	Number of Regeneration measures implemented in Enniscorthy decarbonisation zone.	Special Projects Enniscorthy Municipal District	2024 - 2027	Business and community buy-in. Funding	2.3

B - Built Environment & Transport

County Action –

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
B3	Identification and completion of energy efficiency and upgrade projects related to council facilities as identified in the Pathfinder Energy Register of Opportunities and other funding streams	Mitigation	Capture through the monitoring and reporting system Installation of Solar PV panels on buildings identified in Register of Opportunities Upgrade/Installation of Building Control systems including sub-metering Re-fit heating systems in Wexford library to decrease inefficiencies in heating	Property Climate Action Team Facilities Management	Q4 - 2024	Cooperation of LA staff, Access to necessary funding/budget	2.1
B11	Increase Wexford County Council EV fleet to 40 vehicles and continue to upgrade existing older fleet to modern efficient vehicles	Mitigation	Number of Electric Vehicles purchased per year Procure an additional Environment Warden electric van for Environment Use	Machinery Yard Environment Section	3 years	Funding	2.1

DZ Action-

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
DZ003	Enniscorthy Housing Stock to be upgraded by 20 properties per year (as part of the Energy Efficiency Retrofit Programme) to a minimum of a B2 BER rating	Mitigation	Number of houses retrofitted per year in Enniscorthy DZ	Housing Section Climate Action Team	Ongoing until 2030 funding Dependant	Departmental Funding continuing for the scheme	2.1

C - Natural Environment & Green Infrastructure

County Action –

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
C11	Preparation of a Rainwater Management Plan using nature-based solutions as part of the Wexford Town Local Area Plan 2024-2030 and consider this for other future Local Area Plans.	Adaptation and Mitigation	Adoption of the Local Area Plan with a Rainwater Management Plan incorporating nature-based solutions	Planning	Adoption of the Local Area Plan - 2024.	Availability of consultants to prepare the Rainwater Management Plan.	3.3
No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
C20	Increase awareness on the technologies available and promote the change in fertiliser type & technique within County Wexford that aid reduction in carbon emissions on farms	Adaptation	Number of events	Environment Fertiliser suppliers	2024	Availability of resources	1.5
C21	Implement a collaboration project with a series of "champion farmer" events around the county to showcase what agriculture is doing for climate change, water quality and biodiversity	Adaptation Mitigation	Number of events	Environment Farmers.	2025	Cooperation of LA staff, Access to necessary funding/budget	4.5

DZ Action-

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
DZ013	Establish a working group to try and identify land that could be used for a community solar farm	Mitigation	Establishment of working group	Property Section Climate Action Team Enniscorthy SEC, Enniscorthy Municipal District	2025/2026	Staff resources	4.3

D - Communities, Resilience & Transition

County Action –

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
D15	Guided by the Memorandum of Understanding signed between the GAA and CCMA, towards working together on sustainability and climate action projects, engage with the Green Club Programme through a nominated lead, working with the CARO and GAA clubs	Adaptation Mitigation	No of GAA clubs signed up	Climate Action Team CARO GAA	From start of 2024, Tracked annually to 2029	Number of participating clubs in the Programme	4.3
D16	Encourage community groups to pursue climate actions projects at local level through the Community Climate Action Programme and support & facilitate them in accessing funding through various channels/initiatives	Adaptation Mitigation	Number of funding applications made Number of funding applications approved Number projects completed (CCAP) Number of communities engaged in climate action(Community Section)	Environment Community Groups	2025 for CCAP Ongoing for other funding programmes	Participation rates of Community Groups. Funding Approval.	4.3

DZ Action-

No.	CAT Reworded Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
DZ016	Run energy efficiency workshops, increasing knowledge on grant funding and aid the Enniscorthy people on completion of grant applications	Mitigation	Number of Energy Efficiency workshops. Number of attendees at workshops.	Enniscorthy SEC, Climate Action Team SEAI System of Environmental Accounting (SEEA)	Annually from 2024-2029	Attendance numbers	4.3

E - Sustainability & Resource Management

County Action –

No.	Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
E6	Encourage, support and promote Green Public procurement throughout Wexford County Council through 1. Recording of tenders submitted with GPP 2. Formation of GPP team with rep from each section to identify green criteria for inclusion in tenders 3. Staff awareness on GPP 4. Collaborate with staff on inclusion of GPP into specific projects	Mitigation	(a) Buy-in by staff throughout all business areas within WXCC (b) the increase in % of tenders including GPP	Climate Action Team Procurement & Section Heads Training/HR	Q4 2024	Funding, Buy-in by staff, Resources	1.2
E7	Promotion of the Fleadh Ceoil in Wexford as a sustainable event, aiming to reducing single use plastics and encourage circular economy through awareness initiatives	Mitigation	Sustainable event awareness programme Sustainable implementation plan	Fleadh Committee Fleadh Stakeholders	Q2 2024	Buy-in from Committee Expertise and Resources	5.4

DZ Action-

No.	CAT Reworded Action	Adaptation Mitigation	KPI	Lead Dept & Partners	Timeframe	Dependencies	Goal Objective
DZ020	Working with the community in creating links between climate action, air quality and the co-benefits to health within the DZ of Enniscorthy	Mitigation	Number of attendees at air quality awareness workshops.	Enniscorthy SEC Climate Action Team	Annually from 2024-2029	Funding	4.2
DZ010	Investigate the feasibility of implementing a pilot study into monitor real-time CO2 emissions within the DZ	Mitigation	Installation of CO2 monitors and establish a baseline and yearly revised readings post actions	Climate Action Team Environment Section Dogpatch Labs South Eastern Technological University	2024/2025	Funding Resources	1.5

Discussion on actions

Community Climate Action Programme Project Examples

Community/energy

- LED community lighting
- Small community renewable energy projects (solar, hydro, wind)
- Retrofitting community buildings
- Community EV charging point(s)

Travel

- Cycle parking
- Improving access to cycle ways
- Safe or active travel routes to schools

Shopping/Recycling

- Community repair hubs
- Swap shops
- Water filling stations
- Single use plastics elimination in businesses/communities

Food and Waste

- Community composting facilities
- Community gardens to promote local food production
- Allotments
- Food markets
- Community fridge

Local Climate and Environmental Action

- Mini forests
- Forest schools
- Dispersed orchards
- Community gardens
- Roof gardens
- Pollinator projects
- Climate resilience projects

Community Climate Action Programme Information Evenings

- **Rosslare:** Monday 18th September 7pm (Our Lady's Island Community Centre)
- **Gorey Library:** Tuesday 19th September 7pm
- **Wexford:** Thursday 21st September 7pm (County Hall, Carricklawn)
- **New Ross Library:** Tuesday 26th September 7pm
- **Enniscorthy Library:** Thursday 28th September 7pm



Advert going in the papers on Sept 6th and 13th